

Name _____

Bacteria Buddies: The Fascinating World of Reproduction

Multiple Choice Questions

1. How do bacteria reproduce?
 - a) Through seeds
 - b) Through binary fission
 - c) By laying eggs
 - d) By giving birth to live young

2. What is binary fission?
 - a) A process where bacteria divide into two identical cells
 - b) A process where bacteria form colonies
 - c) A process where bacteria exchange genetic material
 - d) A process where bacteria produce spores

3. What is the first step of binary fission?
 - a) Formation of spores
 - b) Division into two cells
 - c) Replication of DNA
 - d) None of the above

4. Under what conditions can bacterial populations double quickly?
 - a) In cold temperatures
 - b) In acidic environments
 - c) In the absence of oxygen
 - d) In ideal conditions with abundant nutrients and suitable temperatures

5. What challenges might bacteria face during reproduction?
 - a) Competition from other organisms
 - b) Hostile environmental conditions
 - c) Both a and b
 - d) None of the above

